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PTO/SB/08A (10-96)

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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p>	
				Application Number	10/774,806
				Filing Date	February 10, 2004
				First Named Inventor	KUSHNARENKO, Alexander
				Group Art Unit	2816
				Examiner Name	Not yet known To N
Sheet	1	of	5	Attorney Docket Number	
P-6274-US					

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known) e.g., A, B, Sub.			
MT	1	6,081,456	365 185,23	Dadashev	June 27, 2000	
MT	2	6,028,324	257 48	Su et al.	February 22, 2000	
MT	3	6,154,081	321 309	Pakkala et al.	November 28, 2000	
MT	4	6,627,555	438 710	Eitan et al.	September 30, 2003	
MT	5	6,339,556	365 310	Watanabe	January 15, 2002	
MT	6	6,665,769	711 103	Cohen et al.	December 16, 2003	
MT	7	5,847,441	257 530	Cutler et al.	December 8, 1998	
MT	8	5,276,646	365 184,09	Kim et al.	January 4, 1994	
MT	9	5,142,496	365 201	Van Buskirk	August 25, 1992	
MT	10	5,381,374	365 203	Shiraishi et al.	January 10, 1995	
MT	11	5,663,907	365 185,18	Frayer et al.	September 2, 1997	
MT	12	5,636,288	381 110	Bonneville et al.	June 3, 1997	
MT	13	5,903,031	257 356	Yamada et al.	May 11, 1999	
MT	14	5,726,946	365 226	Yamagata et al.	March 10, 1998	
MT	15	5,883,412	361 111	En	October 5, 1999	
MT	16	5,946,258	365 226	Evertt et al.	August 31, 1999	
MT	17	6,452,438	321 536	Li	September 17, 2002	
MT	18	6,359,501	321 536	Lin et al.	March 19, 2002	
MT	19	6,353,356	321 536	Liu	March 5, 2002	
MT	20	6,297,974	363 60	Ganesan et al.	October 2, 2001	

FOREIGN PATENT DOCUMENTS

Examiner Signature	<u>myhangtan</u>	Date Considered	05/19/05
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		Group Art Unit	2818 2816
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Attorney Docket Number		P-6274-US	
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Examiner Initials*	Cite No'	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known) Class Sub			
MT	24	6,208,200	327 589	Arakawa	March 27, 2001	
MT	25	6,198,342	327 536	Kawai	March 6, 2001	
MT	26	6,130,574	327 536	Bloch et al.	October 10, 2000	
MT	27	5,081,371	327 536	Weng	January 14, 1992	
MT	28	6,064,251	327 536	Park	May 16, 2000	
MT	29	6,677,805	315 530	Shor et al.	January 13, 2004	
MT	30	5,808,505	327 537	Tran	September 15, 1998	
MT	31	6,433,624	327 543	Grossnickle et al.	August 13, 2002	
MT	32	5,875,280	327 533	Nomura et al.	October 7, 1997	
MT	33	5,534,804	327 143	Woo	July 9, 1996	
MT	34	5,612,642	327 143	McClintock	March 18, 1997	
MT	35	6,005,423	327 143	Schultz	December 21, 1999	
MT	36	2003/0076159	527 541	Shor et al.	April 24, 2003	
MT	37	5,280,420	363 60	Rapp	January 18, 1994	
MT	38	5,553,030	365 226	Tedrow et al.	September 3, 1996	
MT	39	5,559,687	363 60	Nicollini et al.	September 24, 1996	
MT	40	5,717,581	363 60	Canclini	February 10, 1998	
MT	41	6,075,402	327 536	Ghilardelli et al.	June 13, 2000	
MT	42	6,094,095	327 589	Murray et al.	July 25, 2000	
MT	43	6,107,862	327 536	Mukainakano et al.	August 22, 2000	

FOREIGN PATENT DOCUMENTS

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Signature**

Tom Branton

Date Considered

05/19/05

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		Application Number	10/774,806
		Filing Date	February 10, 2004
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		Attorney Docket Number	

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		Number	Kind Code ³ (if known)			
MT	44	6,130,572	327 536	Ghilardelli et al.	October 10, 2000	
MT	45	6,577,514	313 59	Shor et al.	June 10, 2003	
MT	46	5,815,435	365 185.03	Van Tran	September 29, 1998	
MT	47	6,654,296	365 184.09	Jang et al.	November 25, 2003	
MT	48	5,581,252	341 144	Thomas	December 3, 1996	
MT	49	2004/0151034	365 184.11	Shor et al.	August 5, 2004	
MT	50	5,672,959	323 273	Der	September 30, 1997	
MT	51	6,188,211	323 280	Rincon-Mora et al.	February 13, 2001	
MT	52	6,246,555	361 18	Tham	June 12, 2001	
MT	53	6,356,469	363 60	Rochparvar et al.	March 12, 2002	
MT	54	5,142,495	365 189.09	Canepa	August 25, 1992	
MT	55	2003/0202411	365 203	Yamada	October 30, 2003	
MT	56	6,157,242	327 536	Fukui	December 5, 2000	
MT	57	5,708,608	365 189.65	Park et al.	January 13, 1998	
MT	58	4,961,010	326 27	Davis	October 2, 1990	
MT	59	5,760,634	327 391	Fu	June 2, 1998	
MT	60	2002/0145465	327 536	Shor et al.	October 10, 2002	
MT	61	6,118,207	310 328	Ormerod et al.	September 12, 2000	
MT	62	6,400,209	327 534	Matsuyama et al.	June 4, 2002	
MT	63	5,880,620	327 534	Giltin et al.	March 9, 1999	

FOREIGN PATENT DOCUMENTS

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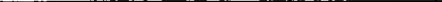
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Substitute for form 1449A/PTO		Complete if Known	
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<i>(use as many sheets as necessary)</i>		Filing Date	February 10, 2004
		First Named Inventor	KUSHNARENKO, Alexander
		Group Art Unit	2818 2816
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		Attorney Docket Number	
		P-6274-US	

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/774,806
(use as many sheets as necessary)				Filing Date	February 10, 2004
				First Named Inventor	KUSHNARENKO, Alexander
				Group Art Unit	2816 2816
				Examiner Name	Not yet known To N
Sheet	5	of	5	Attorney Docket Number	P-6274-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MT	71	Marlin, "Improved Circuits for the Realization of Switched-Capacitor Filters", IEEE Transactions on Circuits and Systems, Apr., 1980, pp 237-244, Vol CAS-27	<input type="checkbox"/>
MT	72	Klinke, et al., "A Very-High-Slew-Rate CMOS Operational Amplifier", IEEE Journal of Solid-State Circuits, 1989, pp 744-746, Vol. 24	<input type="checkbox"/>
MT	73	Shor, et al., "paper WA2 04 01 - Self regulated Four-Phased Charge Pump with Boosted Wells", ISCAS 2002, 2002	<input type="checkbox"/>
MT	74	Fotouhi, "An Efficient CMOS Line Driver for 1.544-Mb/s T1 and 2 048-Mb/s E1 Applications", IEEE Journal of Solid-State Circuits, 2003, pp. 228-236, Vol 38	<input type="checkbox"/>
			<input type="checkbox"/>

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